Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				**Application Number**	10/678,946
				Filing Date	October 2, 2003
				First Named Inventor	Hong, Jong Wook
				Art Unit	1637
(Use as many sheets as necessary)				Examiner Name	Heather Calamita
Sheet	1	of	2	Attorney Docket Number	20174C-010310US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.[1]	Document Number Number Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	2002-0028504 A1	03-07-2002	MacCaskill et al.	
	A2	2002-0166585 A1	11-14-2002	O'Connor et al.	
	A3	2004-0112442 A1	06-17-2004	Maerkl et al.	
	A4	2008-0029169 A1	02-07-2008	Maerkl et al.	
	A5	2010-0154890	06-24-2010	Maerkl et al.	
	A6	6,102,068	08-15-2000	Higdon et al.	
	A7	6,202,687 B1	03-20-2001	Park	
	A8	6,382,254 B1	05-07-2002	Yang et al.	
	A9	6,406,605 B1	06-18-2002	Moles	
	A10	6,561,632 B2	05-13-2003	O'Connor et al.	
	A11	6,619,311 B2	09-16-2003	O'Connor et al.	
	A12	6,929,030 B2	08-16-2005	Unger et al.	
	A13	6,939,452 B2	09-06-2005	Foret et al.	
	A14	7,143,785 B2	12-05-2006	Maerkl et al.	
	A15	60/413,860	9-25-2002	Maerkl et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]	Number[4]	Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	B1	WO	2004/028955	A2	4-8-2004	California Institute of Technology		☐

NON PATENT LITERATURE DOCUMENTS			
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[6]
	C1	Documents from File History for U.S. Patent Application No. 11/463,241; Office Actions mailed 1-11-2008, 9-8-2008 and 4-13-2009; Amendment filed 8-8-2006; Abandonment mailed 11-12-2009, 24 pages 020174-009411US	☐
	C2	"Last Chance For Micromachines," The Economist Technology Quarterly, 8 pages, December 7, 2000	☐
	C3	AHN, CHONG H. et al., "Fluid Micropumps Based On Rotary Magnetic Actuators," IEEE, pp. 408-412, 1995	☐
	C4	ANDERSON, ROLFE C. et al., "Microfluidic Biochemical Analysis System," Transducers '97, 1997 International Conference on Solid-State Sensors and Actuators, Chicago, Illinois, pp. 477-480, June 16-19, 1997	☐
	C5	GROISMAN, ALEX et al., "Microfluidic Memory And Control Devices," Science, Vol. 300, pp. 955-958, 2003	☐
	C6	PANDOLFI, A. et al., "Time-Discretized Variational Formulation Of Non-Smooth Frictional Contact," International Journal for Numerical Methods in Engineering, Vol. 53, No. 8, pp. 1801-1829, 2002	☐
	C7	THORSEN, TODD, "Microfluidic Technologies For High-Throughput Screening Applications," California Institute of Technology, 180 pages, 2002	☐

Examiner Signature	/David Thomas/	Date Considered	05/25/2011

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